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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Divisional of 09/535,146
		Filing Date	February 26, 2002
		First Named Inventor	Simon F. Williams
		Group Art Unit	
		Examiner Name	
Sheet 1 of 11	Attorney Docket Number	MBX 035 DIV	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
P.S. ↑		4,792,336		Hlavacek, et al.	12-20-1988	
		4,826,493		Martini, et al.	05-02-1989	
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		5,085,629		Goldberg, et al.	02-04-1992	
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		5,240,530		Peoples, et al.	10-05-1993	
		5,271,961		Mathiowitz, et al.	12-21-1993	
		5,306,286		Stack, et al.	04-26-1994	
		5,334,698		Witholt, et al.	08-02-1994	
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P.S. ↓		5,824,751		Hori et al.	10-20-1998	
		5,834,582		Sinclair et al.	11-10-1998	

Examine Signature	Peter Szekely	Date Considered	10/9/03
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Sheet	2	of	11	Attorney Docket Number	MBX 035 DIV

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OTHER ART - NON PATENT LITERATURE DOCUMENTS			
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P.S.		AGOSTINI, et al., "Synthesis and Characterization of Poly-β-Hydroxybutyrate. I. Synthesis of Crystalline DL Poly-β-Hydroxybutyrate from DL- β-Butyrolactone," <i>Polym. Sci., Part A-1</i> 9:2775-87 (1971).	
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Examiner's Signature	Peter Sokols	Date Considered	10/9/03
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P.S.		DOMB, et al., <u>Handbook of Biodegradable Polymers</u> (Harwood Academic Publishers:Amsterdam, The Netherlands, 1997).	
↑		DUBOIS, et al., "Macromolecular Engineering of Polylactones and Polyactides. 12. Study of the Depolymerization Reactions of Poly (ε-caprolactone) with Functional Aluminum Alkoxide End Groups," <i>Macromolecules</i> 26:4407-12 (1993).	
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↓		HEIN, et al., "Biosynthesis of poly(4-hydroxybutyric acid) by recombinant strains of <i>Escherichia coli</i> ," <i>FEMS Microbiol. Lett.</i> 153:411-18 (1997).	
P.S.		HEYDORN, et al., "A new look at pericardial substitutes," <i>J. Thorac. Cardiovasc. Surg.</i> 94:291-96 (1987).	

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P.S.		HOCKING & MARCHESSAULT, "Syndiotactic poly((R,S)-β-hydroxybutyrate) isolated from methyaluminoxane-catalyzed polymerization," <i>Polym. Bull.</i> 30:163-70 (1993).	
↑		HOCKING & MARCHESSAULT, "Biopolyesters" in <i>Chemistry and Technology of Biodegradable Polymers</i> , (G.J.L. Griffin, ed.), pp. 48-96, Chapman and Hall: London, 1994.	
		HOLMES, "Biologically Produced (R)-3-hydroxyalkanoate Polymers and Copolymers," in <i>Developments in Crystalline Polymers</i> (Bassett, ed.), pp. 1-65, Elsevier: London, 1988.	
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P.S.		KOOSHA, "Preparation and characterization of biodegradable polymeric drug carriers," Ph.D. Dissertation, 1989, Univ. Nottingham, UK., <i>Diss. Abstr. Int.</i> B 51:1206 (1990).	

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P.S.		KOOSHA, et al., "Polyhydroxybutyrate as a drug carrier," <i>Crit. Rev. Ther. Drug Carrier Syst.</i> 6(2):117-30 (1989).	
↑		KUSAKA, et al., "Microbial synthesis and Physical Properties of ultra-high-molecular-weight poly[(R)-3-hydroxybutyrate]," <i>Pure Appl. Chem.</i> A35:319-35 (1998).	
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↓		MATHIOWITZ & LANGER, "Polyanhydride microspheres as drug delivery systems" in <i>Microcapsules Nanopart. Med. Pharm.</i> (Donbrow, ed.), pp. 99-123 (CRC: Boca Raton, Florida, 1992).	
P.S.		MAYSINGER, et al., "Microencapsulation and the Grafting of Genetically Transformed Cells as Therapeutic Strategies to rescue Degenerating Neurons of the CNS," <i>Reviews in the Neurosciences</i> , 6:15-33 (1995).	

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P.S.		MCMILLIN, et al., "Elastomers for Biomedical Applications," <i>Rubber Chemistry and Technology</i> 67:417-46 (1994).	
↑		MÜLLER, et al., "Poly(hydroxyalkanoates): A Fifth Class of Physiologically Important Organic Biopolymers," <i>Angew. Chem. Int. Ed. Engl.</i> 32:477-502 (1993).	
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P.S.		OTERA, et al., "Novel template effects of distannoxane catalysts in highly efficient transesterification and esterification," <i>J. Org. Chem.</i> 56:5307-11 (1991).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Divisional of 09/535,146
		Filing Date	February 26, 2002
		First Named Inventor	Simon F. Williams
		Group Art Unit	
		Examiner Name	
Sheet 10 of 11	Attorney Docket Number	MBX 035 DIV	

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P.S.		STEINBÜCHEL, "Polyhydroxyalkanoic Acids," in <u>Biomaterials</u> (D. Byrom ed.), pp. 123-213, MacMillan Publishers: London, 1991.	
↑		TALJA, et al., "Bioabsorbable and biodegradable stents in urology," <u>J. Endourol.</u> 11(6):391-97 (1997).	
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P.S.		WIDMER & MIKOS, "Fabrication of biodegradable polymer scaffolds for tissue engineering" in <u>Frontiers in Tissue Engineering</u> (Patrick, et al., Eds.) Ch. II.5, pp.107-20 (Elsevier Science, New York, 1998)	

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P.S.		WILLIAMS & PEOPLES, "Making plastics green," <i>Chem. Br.</i> 33:29-32 (1997).	
↑		WILLIAMS & PEOPLES, "Biodegradable plastics from plants," <i>CHEMTECH</i> 26:38-44 (1996).	
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		Application Number	10/082,954		
		Filing Date	February 26, 2002		
		First Named Inventor	Simon F. Williams		
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P.S.		FRASER, et al., "Controlled release of a GnRH agonist from a polyhydroxybutyric acid implant-reversible suppression of the menstrual cycle in the macaque," <i>Acta Endocrinol</i> 121:841-848 (1989).	
P.S.		HOLMES, et al., "Applications of PHB—a microbially produced biodegradable thermoplastic," <i>Phys Technol</i> 16:32-36 (1985).	
P.S.		KORSATKO, et al., "The influence of the molecular weight of poly-D(-)-3-hydroxybutyric acid on its use as a retard matrix for sustained drug release," <i>8th Europ. Congress of Biopharmaceutics and Pharmacokinetics</i> 1:234-242 (1987).	
P.S.		MODELLI, et al., "Kinetics of aerobic polymer degradation in soil by means of the ASTM D 5988-96 standard method," <i>J Environ Polym Degr</i> 7:109-116 (1999).	
P.S.		RENSAD, et al., "The influence of processing induced differences in molecular structure on the biological and non-biological degradation of poly (3-hydroxybutyrate-co-3-hydroxyvalerate), P(3-HB-co-3-HV)," <i>Polymer Degradation and Stability</i> 63:201-211 (1999).	

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